

## BIBLIOGRAPHY.

## RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY

C. FITZHUGH TALMAN, Professor in Charge of Library.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

**Braak, Dr. Cornelis.**

Het klimaat van den Idjen. Batavia. [1919?] 51 p. maps. diagrs. 32 cm. (Het Idjen Hoogland. Monographie V.) [A comprehensive monograph on the climate of the Idjen plateau, at the eastern end of Java.]

**Brezina, Ernst, & Schmidt, Wilhelm.**

Über Beziehungen zwischen der Witterung und dem Befinden des Menschen, auf Grund statistischer Erhebungen dargestellt. Wien. 1914. 83 p. tables. 24 cm. (Aus den Sitzungsberichten der Kaiserl. Akademie der Wissenschaften in Wien. Mathem. naturw. Klasse; Bd. CXXIII. Abt. III. Oktober bis Dezember 1914.)

**Brooks, C. E. P.**

Climate and weather of the Falkland Islands and South Georgia. London. 1920. 146 p. maps. tables. diagrs. 33 cm. (Air Ministry. Meteorological office. Geophysical memoirs, No. 15.)

**Brunner, Carl.**

Verzeichnis der Veröffentlichungen, der Beobachter und Beamten sowie der Stationen der Bayerischen Landeswetterwarte (vormals K. B. Meteorologischen Centralstation) in den ersten 40 Jahren ihres Bestehens (1879-1918). München. [1919?] 22 p. 32 cm.

**Fontseré, Eduardo.**

Sobre el régimen normal de los vientos superiores en Barcelona durante los meses de verano y otoño. Barcelona. 1920. pp. 65-72. 24 cm. (Facultad de ciencias de la Universidad de Barcelona. Publicaciones de la Sección de ciencias naturales. VIII.)

**Great Britain. Meteorological office.**

Book of normals of meteorological elements for the British Isles for periods ending 1915. Section I.—Monthly normals for stations (1881-1915). London. 1919. 94 p. 24 cm. Sect. II—Weekly, monthly, quarterly, and seasonal normals for districts. London. 1920. pp. 95-118. 24 cm.

**Hellmann, Gustav.**

Isothermen von Deutschland. [Berlin.] 1920. p. 369-376. 2 maps. 25 $\frac{1}{2}$  cm. (Sitzungsberichte der Preussischen Akademie der Wissenschaften. Sitzung der physikalischmathem. Klasse vom 18. März.)

**Lloyd, Francis E.**

Structure of hailstones of exceptional form and size. Montreal. 1916. p. 47-50. 25 cm. (McGill University. Papers from the department of meteorology. New series. No. 1.) [Reprinted from the Transactions of the Royal Society of Canada, Section III, September, 1916.] [Radial spike development on hailstones.]

**Shackleton, Sir Ernest.**

South: the story of Shackleton's last expedition. 1914-1917. London. 1920. 368 p. map. illus. 25 $\frac{1}{2}$  cm. [Appendix I contains "Sea-ice nomenclature," by J. M. Wordie, p. 344-347, and "Meteorology," by L. D. A. Hussey, p. 347-351.]

**Shamel, A. D., Scott, L. B., & Pomeroy, C. S.**

Frost protection in lemon orchards. Washington. 1920. 30 p. 23 cm. (U. S. Dept. of Agriculture. Bull. 821.) [Protected orchards, during freeze of 1912-13 in California, yielded throughout year, while in unprotected orchards the yield was not salable and the trees suffered for a year or more.]

**Westman, J.**

Sonnenscheindauer im mittelschwedischen Ostseegebiet. 1911-1916. Stockholm. 1917. 34 p. 31 cm. (Kungl. Svenska vetenskapsakademiens handlingar. Band 57. No. 9.)

Stärke der Sonnenstrahlung im mittelschwedischen Ostseegebiet im Jahre 1912. Stockholm. 1918. 33 p. 31 cm. (Kungl. Svenska vetenskapsakademiens handlingar. Band 58. No. 8.)

**Winchester, Lily.**

Teaching of geography to children. London. 1920. 50 p. 19 $\frac{1}{2}$  cm. [Contains a chapter giving best methods of introducing weather study to young children.]

## RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. F. TALMAN, Professor in Charge of Library.

The following titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

*Aviation. New York. v. 8. June 15, 1920.*

Jones, Melville. Over-cloud flying and commercial aeronautics. p. 402-408. [Abstract in later REVIEW.]

*Engineering news-record. New York. v. 84. June 10, 1920.*  
Balderton, Charles. Ice inside cast-iron column raises floor. p. 1166.

Hoyt, John C. A 900-inch rain gage on a peak of Kauai. p. 1166. [Said to be the largest rain gage in existence.]

*Great Britain. Meteorological office. Geophysical memoirs. London. no. 14. 1920.*Cave, C. J. P., & Dines, J. S. Soundings with pilot balloons in the isles of Scilly: November and December, 1911. p. 79-94. *Meteorological magazine. London. v. 55. 1920.*

Brooks, C. E. P. Climates of the British Empire suitable for the cultivation of cotton. p. 37-39. (April.)

Moore, John W. The winter of 1919-20. A remarkable season. p. 57-59. (May.) [A long, mild winter; below normal in September, October, and November, the following four months above normal, and April below.]

Bamford, A. J. Formation of mercury globules in barometers. p. 72. (May.)

W., A. John George Bartholomew, LL. D., F. R. S. E., F. R. C. S. 22d March, 1860-13th April, 1920. p. 74. (May.) [Obituary.]

*Nashville review. Nashville. June, 1920.*

Nunn, Roscoe. The Nashville climate. p. 40.

*Nature. London. v. 105. 1920.*

B., W. W. Periodicity in weather and crops. p. 370-371. (May 20.)

Bartrum, C. O. A rainbow inside out. p. 389-390. (May 27.) Cave, C. J. P. Weather notes of Evelyn, Pepys, and Swift in relation to British climate. p. 393-394. (May 27.) [Suggests that 17th century winters were more severe than now.]

*Popular mechanics magazine. Chicago. v. 33. April, 1920.*

Alter, J. Cecil. Obtaining the secrets of the unborn floods. p. 557-558.

*Popular science monthly. New York. v. 97. July, 1920.*

McCrae, Lee. He makes the weather pay. The industrial meteorologist advises farmers and aviators. p. 44.

*Royal astronomical society. Monthly notices. London. v. 80. February, 1920.*

C., A. L. Father Walter Sidgreaves, S. J. p. 355-358. [Obituary.]

N., H. F. Annibale Riccò. p. 365-367. [Obituary.]

*Royal society of Edinburgh. Proceedings. Edinburgh. v. 40. pt. 1. 1919-1920.*

Franklin, T. Bedford. The cooling of the soil at night, with special reference to late spring frosts. II. p. 10-22. [Abstract in later REVIEW.]

*Scientific American monthly. New York. v. 1. June, 1920.*

Carpenter, Ford A. Photographing clouds from an airplane. pp. 484-488.

*Scientific monthly. New York. v. 10. June, 1920.*

Palmer, Andrew H. Recent California earthquakes. p. 529-552.

*Terrestrial magnetism. Baltimore. v. 34. December, 1919.*

Dechevrens, Marc. Sur les points du globe où il se produit une marée électrique, dérivée de la marée océanique, observe-t-on une marée magnétique? p. 175-177.

Dechevrens, Marc. Concerning the electric tide observed at Jersey. p. 178-179.